## **EAST Search History**

| Ref<br># | Hits | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|---|---|---------------------|---------|------------------|
| L1       | 5    | ((partial near response) prml) and<br>(perpendicul\$5 vertical\$5) and (soft<br>near underlayer)  | USPAT   | OR                  | ON      | 2006/08/28 09:13 |
| L2       | 11   | ((partial near response) prml) and (perpendicul\$5 vertical\$5) and (soft near2 underlayer)   | USPAT   | OR                  | ON      | 2006/08/28 09:16 |
| L3       | 7    | (prml) and (perpendicul\$5<br>vertical\$5) and (soft near2<br>underlayer)   | USPAT   | OR                  | ON      | 2006/08/28 09:17 |
| L4       | 5    | (prml) and (perpendicul\$5<br>vertical\$5) and (soft near2<br>underlayer)   | US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/08/28 09:17 |
| L6       | 47   | (short\$5) near3 bit near3 length and transition\$5 and "360"/\$.ccls.  | USPAT   | OR                  | OFF     | 2006/08/28 14:39 |
| L7       | 2917 | (adjust\$5 control\$5) same (cut-off<br>(cutoff) (cut near off)) same (dc<br>(direct near current))   | USPAT   | OR                  | OFF     | 2006/08/28 14:26 |
| L8       | 70   | 17 and "360"/\$.ccls.   | USPAT   | OR                  | OFF     | 2006/08/28 14:26 |
| L9       | 12   | (short\$5) near3 bit near3 length<br>and transition\$5 and finite and<br>"360"/\$.ccls.   | USPAT   | OR                  | OFF     | 2006/08/28 15:03 |
| L10      | 221  | (semiconductor near2 circuit) and "360"/\$.ccls.  | USPAT   | OR                  | OFF     | 2006/08/28 15:05 |
| S1       | 2769 | (((dual two double) near3<br>(layer\$5)) bilayer\$5) and (pr<br>(partial near response)) and<br>((maximum near likelihood) ml)                                    | USPAT   | OR                  | OFF     | 2006/08/24 12:23 |
| S2       | 99   | S1 and "360"/\$.ccls.   | USPAT   | OR                  | OFF     | 2006/08/28 09:10 |
| S3       | 25   | (((dual two double) near3<br>(layer\$5)) bilayer\$5) and (pr<br>(partial near response)) same (DC<br>(direct near current)) and<br>((maximum near likelihood) ml) | USPAT   | OR                  | OFF     | 2006/08/24 12:27 |
| S4       | 11   | S3 and "360"/\$.ccls.   | USPAT   | OR                  | OFF     | 2006/08/24 12:24 |
| S5       | 48   | (((dual two double) near3<br>(layer\$5)) bilayer\$5) and (pr<br>(partial near response)) same (DC<br>(direct near current)) and<br>((maximum near likelihood) ml) | US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2006/08/24 12:39 |
| S6       | 87   | "360"/\$.ccls. and (pr (partial near<br>response)) same (DC (direct near<br>current)) and ((maximum near<br>likelihood) ml)                                       | USPAT   | OR                  | OFF     | 2006/08/24 13:05 |

## **EAST Search History**

| S7 | 28 | "360"/\$.ccls. and (pr (partial near<br>response)) same (DC (direct near<br>current)) and ((maximum near<br>likelihood) ml) and (perpend\$5<br>vertical\$5)   | USPAT | OR | OFF | 2006/08/24 13:05 |
|----|----|---|-------|----|-----|------------------|
| S8 | 33 | "360"/\$.ccls. and (pr (partial near<br>response)) same (DC (direct near<br>current)) and ((maximum near<br>likelihood) ml) and (perpendic\$5<br>vertical\$5) | USPAT | OR | OFF | 2006/08/24 13:06 |

Page 2